



Air Managers Committee/State Caucus

**Regional Haze/WRAP Activity Update
September/October, 2005**

Preliminary Analysis-Power Plant Emissions-2018 Projections

A preliminary analysis of base-case 2018 projections of SO₂ and NO_x emissions from Electric Generating Units (EGUs) is coming out of the Stationary Sources Joint Forum. Several factors are emerging:

- 1.) For § 309 states, the analysis suggests that the 2018 SO₂ emission reductions, reflecting SO₂ BART will approach or exceed the SO₂ milestones in the §309 Annex. Thus the current SO₂ milestones, which must be better than BART, may need to be re-visited, and a new demonstration of better-than-BART performed, as part of the 309 SIP re-submittals in 2007.
- 2.) For the WRAP region as a whole, the analysis suggests there will only be a few EGU's to deal with SO₂ BART, and, though not for certain, it appears unlikely the SO₂ Annex, with it's backstop-trading program will be expanded to include states other than the 309 states.
- 3.) NO_x 2018 emission projections from EGUs present a different picture. Stationary source NO_x emissions are projected to be essentially flat across the WRAP region, as the few NO_x emission reduction projects in the near-term are mostly offset by growth of energy-related development. There are larger numbers of NO_x BART-eligible sources, and some sort of alternative market-trading program may still be viable for NO_x.

See the PPT presentation at: ([click here](#))

See the projection calculation methodology at: ([click here](#))

See the spreadsheet presentation by state for each EGU at: ([click here](#))

RMC Air Quality/Attribution Modeling Schedule-Quick Look Presentation Available

A quick-look graphic presentation on the critical-path modeling schedule for the Regional Modeling Center (RMC) is available. The bar graph shows the sequential timeline for emissions inventories and the air quality modeling and attribution of emissions for the 2002 base year; the 2000-2004 base period, representing current conditions; 2018 base-case, without additional controls, 2018 projections with controls. The schedule ends with the technical support system. See the one-page presentation at: ([click here](#))

Fire Emissions Joint Forum Workshop on 2018 Fire Emissions

On November 1-2, the Fire Emissions Joint Forum is sponsoring a one-and-a-half day workshop on "Estimating Fire Emissions for 2018 Regional Haze Planning." This workshop is designed for state and tribal smoke program managers, who are invested in development of the 2002 and 2018 planning fire emissions inventories. See a more complete description of the workshop at:

<http://www.wrapair.org/cal/calendar.php?op=view&id=448>.

2018 Stationary Sources Emissions Inventory

The initial draft of the 2018 projected base-case point, area and oil/gas emissions are in the final stages of review. Draft 2018 power plant emissions are also under review as a separate project. (See top article.) These emissions data will be used as input to the 2018 base-case modeling to attribute visibility impacts from these source categories, and it is important they be as accurate as possible. The base-case modeling results will be used to develop reasonable progress goals and will be compared with impacts of control measures beyond base-case to demonstrate reasonable progress.

See the draft at:

<http://www.wrapair.org/forums/ssjf/documents/eictts/projections.html>
under "Draft Documents."